

### **REMARKS**

Claims 1-19 are now pending in the application. Although Applicant disagrees with the current claim rejections, Claims 1, 4, 7, 10, 12, 14, 16 and 18 are herein amended to expedite prosecution. Claims 20-24 are herein added. The amendments and newly added claims do not introduce new matter since they are supported by the specification of the present application as filed.

### **INFORMATION DISCLOSURE STATEMENT**

Applicant notes that all of the Foreign Patent Documents cited in the information disclosure statement of September 25, 2006 were considered by the Examiner, as evidenced by the Examiner's initials on form 1449. Only a communication from a foreign patent office was not considered.

### **SPECIFICATION**

The title of the present application is objected to for lack of descriptiveness. The title of the present application is herein amended, as suggested by the Examiner. Therefore, reconsideration and withdrawal of this objection are respectfully requested.

### **REJECTION UNDER 35 U.S.C. § 102**

Claims 1-19 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Kenji (JP Pub. No. 2000-278551). This rejection is respectfully traversed.

With respect to Claim 1, Kenji fails to show, teach or suggest a method of building an information network in a house that includes generating a carrier wave

having a frequency not used by television broadcasting or radio broadcasting in an area where the house is located.

The stated generation along with the modulating of the carrier wave using encoded transmission data, the transmitting of the modulated carrier wave via an antenna terminal or the antenna cable from a first information terminal, and the receiving and demodulating of the carrier wave to produce reception data received by a second information terminal provides several advantages. The advantages include reduced labor and costs, which are commonly associated with connecting a communication control unit between an antenna and a TV signal distributor, and maintenance of TV signal quality and high-speed data transfer within a house.

As best understood by the Applicant, and as stated in paragraphs [0007] and [0008] of the Background section of the present application, Kenji discloses modulation of a data signal to generate a transfer signal that has a different frequency than a frequency band of a TV signal. Kenji modulates a data signal, not a carrier wave. The claimed invention of Claim 1 modulates a carrier wave based on transmission data. Kenji does not disclose a carrier wave or the modulation or generation thereof.

The claimed carrier wave is independent of the transmission data. Claim 1 is herein amended to clarify the generation of encoded transmission data and the separate generation of a carrier wave. See also FIG. 2 and corresponding description of the present application.

The Examiner alleges that Kenji discloses modulation of a carrier wave and refers to lines 5-7 of the Abstract of Kenji. In lines 5-7, Kenji appears to disclose the modulating of data signals. This is clearly different than the modulating of a carrier

wave. A carrier wave refers to a waveform that carries a signal from a transmitter to a receiver. A carrier wave, in general, does not itself contain information. To transport data a carrier wave is modulated. For example, two common methods of modulating a carrier wave are amplitude modulation and frequency modulation. Thus, the claimed carrier wave is modulated to transport transmission data. The claimed information network of claim 1 does not modulate transmission data.

Since Kenji fails to disclose a carrier wave, Kenji also fails to show, teach or suggest modulation of a carrier wave using encoded transmission data, transmission of a modulated carrier wave via an antenna terminal or the antenna cable from a first information terminal, and reception and demodulation of a carrier wave to produce reception data received by a second information terminal.

For anticipation to be present under 35 U.S.C §102(b), there must be no difference between the claimed invention and the reference disclosure as viewed by one skilled in the field of the invention. Scripps Clinic & Res. Found. V. Genentech, Inc., 18 USPQ.2d 1001 (Fed. Cir. 1991). All of the limitations of the claim must be inherent or expressly disclosed and must be arranged as in the claim. Constant v. Advanced Micro-Devices, Inc., 7 USPQ.2d 1057 (Fed. Cir. 1988).

Therefore, Claim 1 is allowable for at least these reasons. Claims 4, 7, 10, 14, and 16 are allowable for at least similar reasons as Claim 1. Claims 2-3, 5-6, 8-9, 11, 15, and 17 ultimately depend from Claims 1, 4, 7, 10, 14 and 16 and are allowable for at least similar reasons.

With respect to Claims 12 and 18, Kenji fails to show, teach or suggest reception and demodulation of a carrier wave. Applicant is unable to find any mention of a carrier wave in the Abstract of Kenji. Thus, at least the Abstract of Kenji fails to disclose the reception and/or demodulation of a carrier wave. For at least this reason, Kenji also fails to disclose demodulating of a carrier wave to produce a baseband signal and decoding a baseband signal to generate reception data received by an information terminal.

Therefore, Claims 12 and 18 are allowable for at least the above reasons. Claims 13 and 19 ultimately depend from Claims 12 and 18 and are allowable for at least similar reasons.

## CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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